

SOLUBLE ISCHEMIA ACTIVATED PROTEIN

INV: O. MIROCHNITCHENKO, ET AL.

SN: 09/960,631

01/07

#2

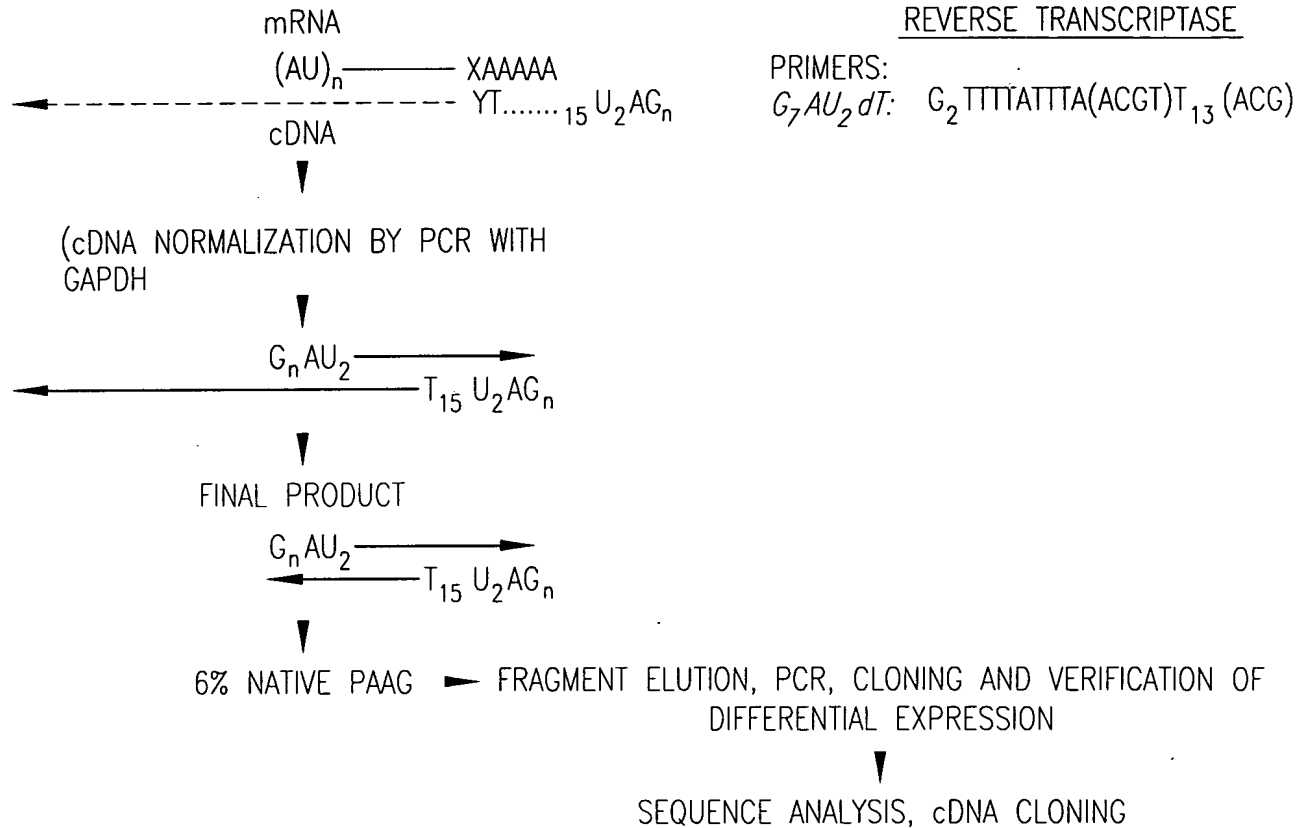
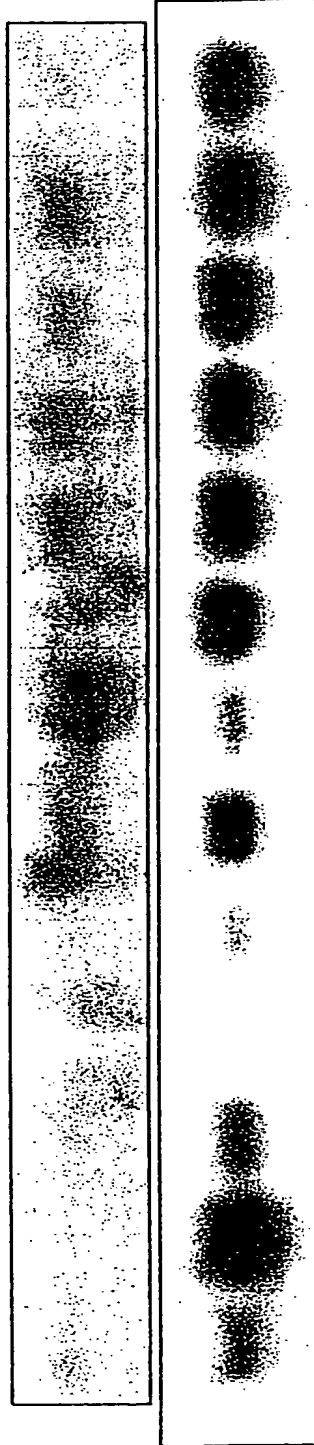


Fig. 1

02/07

1 2 3 4 5 6 7 8 9 10 11 12



- | | |
|--------------------|----------------------|
| 1. Colon | 5. Small Intestine |
| 2. Skeletal muscle | 6. Ovary |
| 3. Liver | 7. Brain |
| 4. Spleen | 8-12. Kidney samples |

Upper panel: Northern blot hybridized with candidate gene probe
Lower panel: the same blot hybridized with mouse GAPDH gene probe, shown as
internal control

Fig. 2

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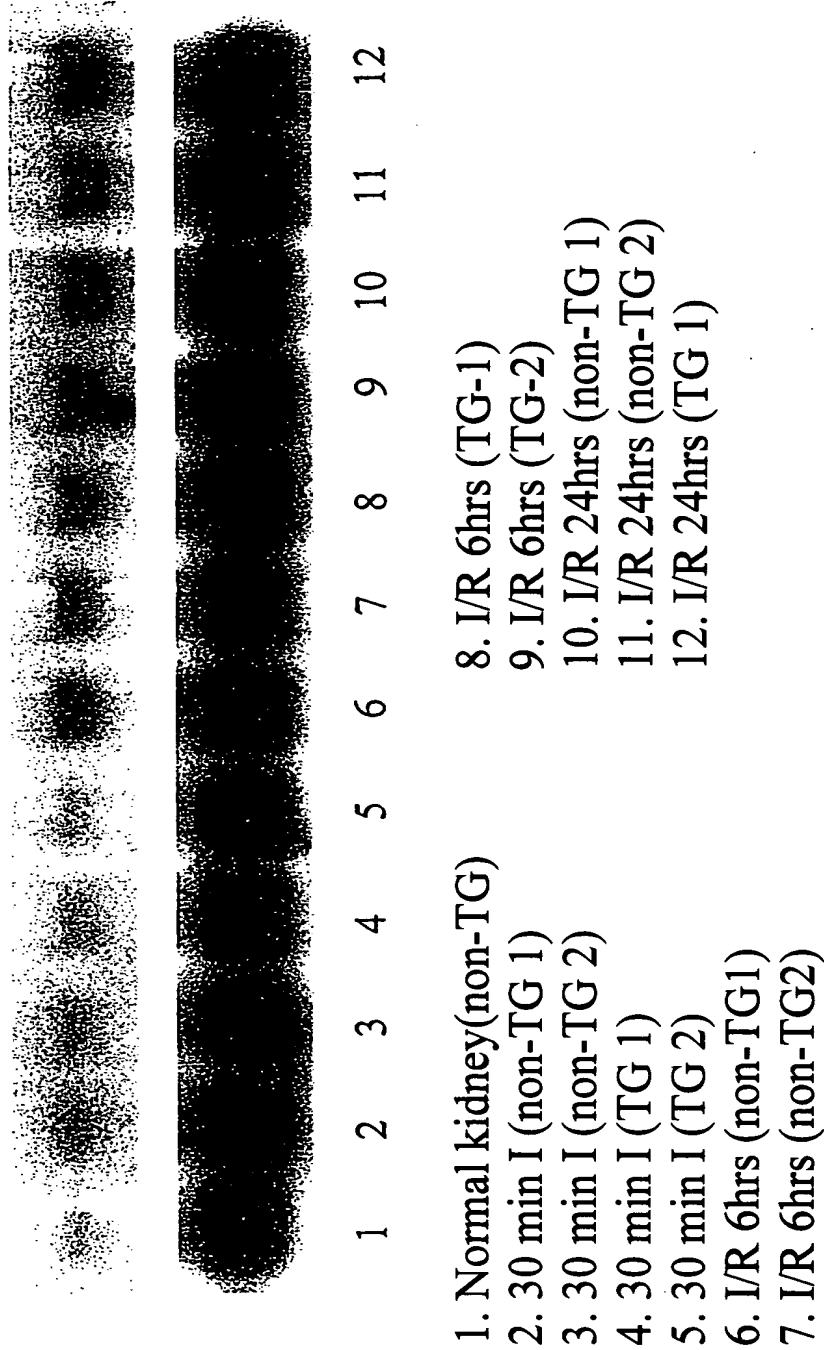


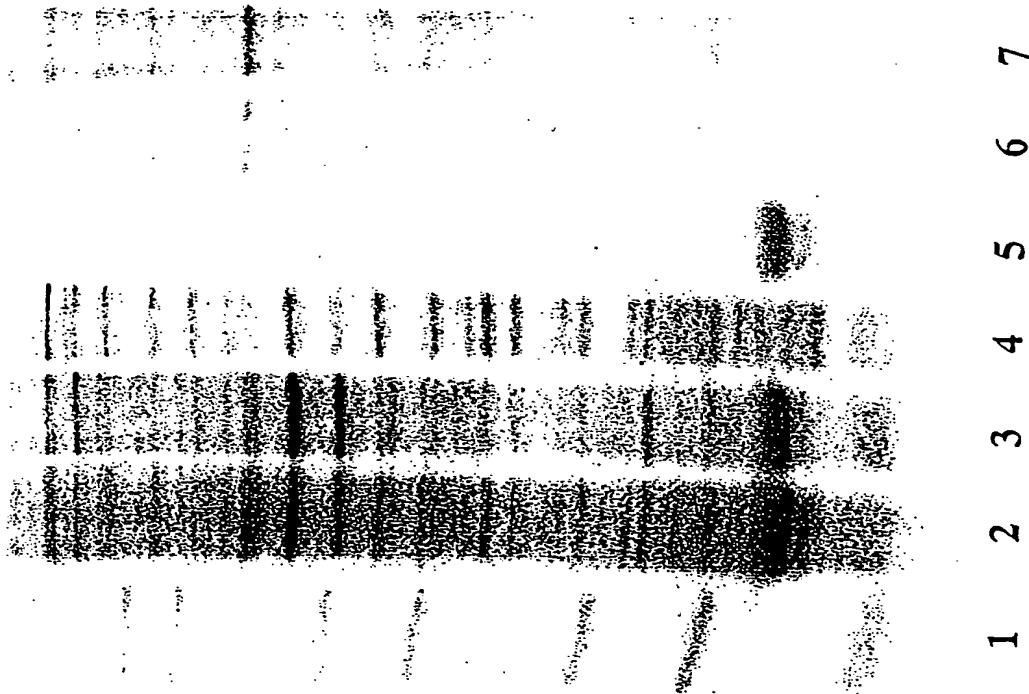
Fig. 3

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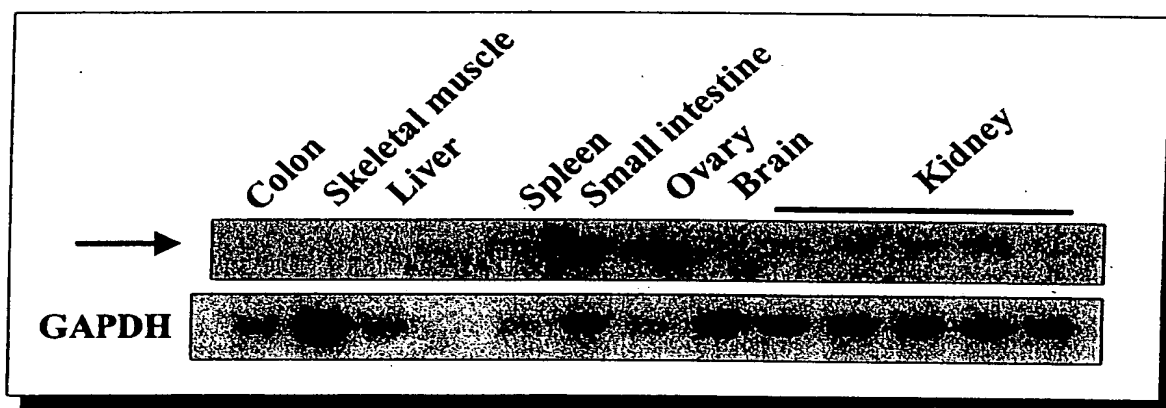
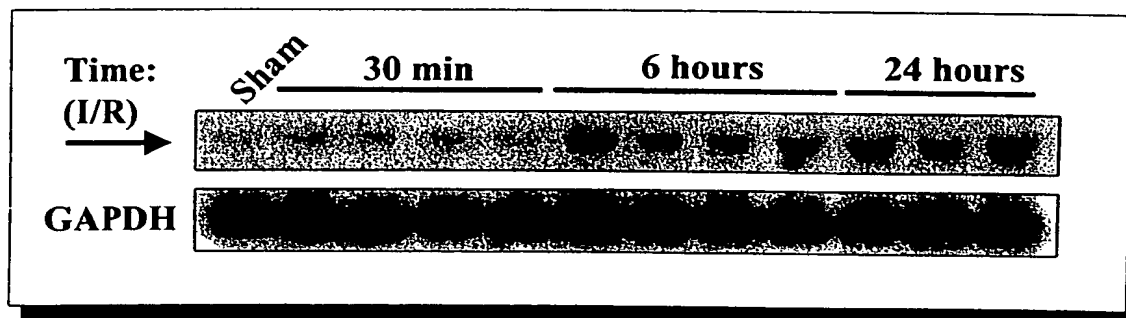
04/07

1. Molecular marker
2. Total cell extract
3. 20,000g ppt after sonication
4. 180,000g ppt
5. 20% $(\text{NH}_4)_2\text{SO}_4$ ppt
6. 40% $(\text{NH}_4)_2\text{SO}_4$ ppt
7. 6-% $(\text{NH}_4)_2\text{SO}_4$ ppt

← IAP

**Fig. 4**

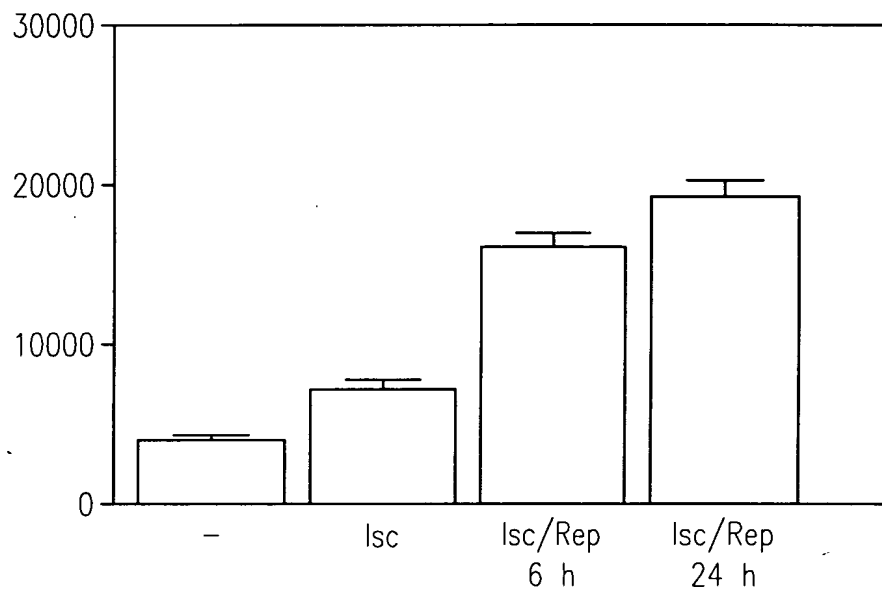
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mRNA expression in mouse tissues**mRNA expression after kidney ischemia/reperfusion****Fig. 5**

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MEASUREMENT OF IAP mRNA
ACTIVATION DURING KIDNEY I/R *



* AT LEAST 4 ANIMALS WERE ANALYZED PER EACH GROUP.

Fig. 6

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07/07

Overexpression of IAP in Hela cells

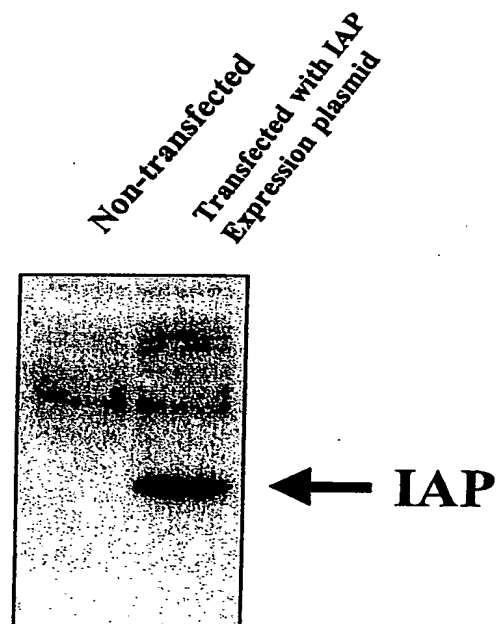


Fig. 7